Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099223.D
Acq On : 8 Oct 2017 10:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/9/2017 6:35:49 PM

Quant Time: Oct 09 01:22:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116623	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	487359	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	223349	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	395610	20.00	ng		0.00
75) Chrysene-d12	14.03	240	283934	20.00	ng		0.00
86) Perylene-d12	15.51	264	215889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	588450	80.32	ng		0.00
7) Phenol-d6	6.50	99	722526	79.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	602528	79.28	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	151978	83.16	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1084916	81.09	ng		0.00
78) Terphenyl-d14	12.97	244	1036060	82.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	134547	38.447	ng		95
3) Pyridine	3.42	79	365950	38.656	ng		94
4) n-Nitrosodimethylamine	3.37	42	134717	33.558	ng		82
6) Aniline	6.53	93	475546	38.987	ng		99
8) 2-Chlorophenol	6.66	128	332492	40.077	ng		93
9) Benzaldehyde	6.42	77	183494	35.002	ng		95
10) Phenol	6.52	94	428679	42.413	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	307329	39.113	ng		98
12) 1,3-Dichlorobenzene	6.81	146	349179	40.188	ng		98
13) 1,4-Dichlorobenzene	6.89	146	355418	40.205	ng		98
14) 1,2-Dichlorobenzene	7.04	146	332329	40.685	ng		98
15) Benzyl Alcohol	7.01	79	247789	37.374	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	437303	35.721	ng		96
17) 2-Methylphenol	7.12	107	264863	39.017	ng		97
18) Hexachloroethane	7.37	117	122059	38.413	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	202939	35.171	ng		96
20) 3+4-Methylphenols	7.27	107	322887	37.599	ng	#	80
22) Acetophenone	7.28	105	433621	36.723	ng	#	97
24) Nitrobenzene	7.45	77	334189	38.766	ng		97
25) Isophorone	7.69	82	594139	37.814	ng		98
26) 2-Nitrophenol	7.77	139	187594	45.252	ng	#	87
27) 2,4-Dimethylphenol	7.80	122	292413	37.351	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	380644	38.875	ng		99
29) 2,4-Dichlorophenol	8.01	162	274329	40.813	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	271273	40.352	ng		100
31) Naphthalene	8.17	128	906260	39.593	ng		100
32) Benzoic acid	7.93	122	164039m	25.508	ng		
33) 4-Chloroaniline	8.22	127	388681	40.663	ng		97
34) Hexachlorobutadiene	8.29	225	136464	39.410	ng		99
35) Caprolactam	8.60	113	87723	40.686	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	299559	39.650	ng		94
37) 2-Methylnaphthalene	8.86	142	593604	39.893	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	272525	40.914	ng		99
40) Hexachlorocyclopentadiene	9.01	237	137300	45.105	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	182877	38.755	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	186496	39.591	ng		99
45) 1,1'-Biphenyl	9.33	154	766526	39.933	ng		99
46) 2-Chloronaphthalene	9.35	162	577989	40.104	ng		98
47) 2-Nitroaniline	9.45	65	172088	38.995	ng		93
48) Acenaphthylene	9.77	152	881065	39.934	ng		100
49) Dimethylphthalate	9.63	163	671868	39.857	ng		100
50) 2,6-Dinitrotoluene	9.69	165	155184	42.285	ng		88
51) Acenaphthene	9.94	154	520318	37.230	ng		99
52) 3-Nitroaniline	9.86	138	185223	43.285	ng		94
53) 2,4-Dinitrophenol	9.97	184	56023	33.013	ng		88
54) Dibenzofuran	10.11	168	739894	39.762	ng		100
55) 4-Nitrophenol	10.02	139	123136	34.031	ng		92
56) 2,4-Dinitrotoluene	10.10	165	203215	42.666	ng	#	90
57) Fluorene	10.46	166	606726	40.566	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	125937	38.702	ng		98
59) Diethylphthalate	10.32	149	631554	38.341	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	265950	39.585	ng		94
61) 4-Nitroaniline	10.48	138	184874	44.782	ng		88
62) Azobenzene	10.60	77	558613	36.883	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	101313	42.091	ng		82
65) n-Nitrosodiphenylamine	10.56	169	547666	39.961	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	155336	40.114	ng		97
67) Hexachlorobenzene	11.00	284	166916	40.358	ng		97
68) Atrazine	11.09	200	166933	40.484	ng		99
69) Pentachlorophenol	11.20	266	98037	38.088	ng		98
70) Phenanthrene	11.42	178	847152	40.005	ng		99
71) Anthracene	11.47	178	874875	40.378	ng		99
72) Carbazole	11.63	167	867708	40.895	ng		99
73) Di-n-butylphthalate	11.94	149	990537	38.785	ng		99
74) Fluoranthene	12.61	202	868234	40.490	ng		98
76) Benzidine	12.73	184	442280	42.115	ng		98
77) Pyrene	12.84	202	894434	41.311	ng		99
79) Butylbenzylphthalate	13.44	149	410599	40.352	ng		93
80) Benzo(a)anthracene	14.03	228	692271	40.265	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	250704	39.777	ng		98
82) Chrysene	14.06	228	662675	40.485	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	533264	38.060	ng		100
84) Di-n-octyl phthalate	14.61	149	811141	35.953	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	482213	36.828	ng		96
87) Benzo(b)fluoranthene	15.07	252	552243m	41.604	ng		
88) Benzo(k)fluoranthene	15.11	252	516215	39.374	ng		99
89) Benzo(a)pyrene	15.44	252	489437	40.169	ng	#	96
90) Dibenzo(a,h)anthracene	17.02	278	385146	39.498	ng		97
91) Benzo(g,h,i)perylene	17.46	276	406437	42.167	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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